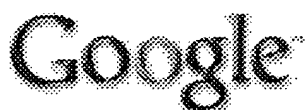

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is being done on **3D model** retrieval methods. **Query** and retrieval can be done ... But how do **shape**-based and text-based retrieval methods **compare**? ...

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an example image and **search** for images similar to the **query** on the base of ... Holding these assumptions, retrieval by content of **3D models** will emerge as ...

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Fig.3 shows the retrieval results for a **query shape**. ... Holding these assumptions, retrieval by content of **3D models** will emerge as a key issue in the next ...

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Retrieving 3D Models

Just index the reflected version and **compare query** with both versions. ... **3D shape**

search: 40 seconds **search** time, 2.4 iterations, 54% find on first **query**, ...

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issue for any realistic **3D shape search** system. The logarithmic **query** time of B+ ... with the **query model**. In **graph** similarity **search**, this translates to ...

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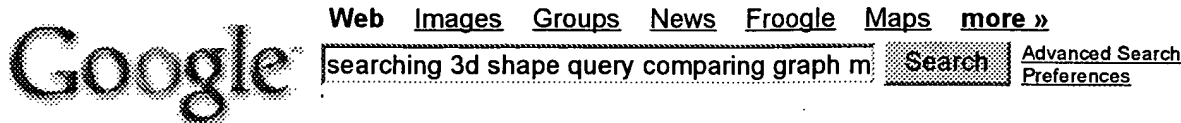
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searching of conventional structure databases. *J Mol Graph Model* 2002, 20, 447-462. ...

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eg, an extension of the Reeb **graph** proposed by Hilaga, et al [11]. **Shape** descriptor. computation. **3D models**. **Query**. (**3D model**, 2D sketch, ...

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Then in the **query** phase the user. defines a **3D shape query** by drawing one or more sketches. **3D shape models** are retrieved by **comparing** these sketches ...

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... describes an online **search** engine for **3D models**, focusing on **query** interfaces and ... 6

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Coarse Filters for Shape Matching

The **search** engine analyzes the target **model's shape** characteristics and performs a ...

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Users can **query** with a **3D model** or drawing 2D **shapes**, and then **search** interactively and ... Precision of 3D Harmonics in the original paper for **comparison**. ...

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ory there have also been attempts to address the problem of **3D shape** ... A linear **search** of the 3-D **model** database, ie, **comparing** the **query** 3-D object **model** ...

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Most of the **shape** features and **searching** methods investigated are suited for **comparing** similarities against each individual **3D model** from databases. ...

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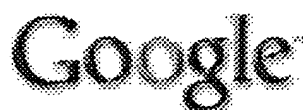
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(1999) use **shape** histograms to approximate, and **search** for a **3D model**. 4. 3D Object

Recognition based: ... **compare** a **query graph** with each of the database ...

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and **compare 3D models** from a database of **models**. It is ... [25] Princeton **Shape**

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Our **shape comparison** method, which is also based, on a hybrid approach, analyzes **3D**

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Scale-Space Representation and Classification of 3D Models ...

... approach to the problem of **searching** a database of **3D models** in VRML format. ...

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The approach of **comparing 2D shapes** with **3D models** is described in Section 3.3 ...

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new method to **compare solid models** based on **shape** distributions. ... **3D Search**, **Shape**

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Topology Matching for Fully Automatic Similarity Estimation of 3D ...

They then wish to **search** a database of **3D shapes** by first comparing a **query shape** with each database **shape** using the Reeb graphs of the **shapes**. ...

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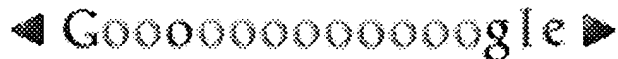
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In the second set of experiments we used our match-. ing algorithm for **3D shape** retrieval.

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